WO 2005/007055

CLAIMS

- 1. Spray apparatus for cleaning *inter alia* toilet bowls, the apparatus comprising a spray head connected through a water hose to a pressurised source of water, the spray head including a casing formed with an opening to receive one end of the water hose and an outlet nozzle from which water under pressure can leave the housing, and a hand operated valve for selectively enabling or preventing the flow of water through the outlet nozzle.
- 2. Apparatus as claimed in claim 1 wherein the cross-sectional area of the outlet nozzle is substantially less than that of the hose and/or the opening in communication with the hose.
- 3. Apparatus as claimed in claim 2 wherein the cross-sectional area of the outlet nozzle is less than one half that of the hose.
- 4. Apparatus as claimed in any one of the preceding claims wherein the outlet nozzle comprises a single orifice.
- 5. Apparatus as claimed in any one of claims 1 to 3 wherein the outlet nozzle comprises a plurality of orifices.
- 6. Apparatus as claimed in any one of the preceding claims wherein a chamber is housed within the casing to receive and retain cleansing medium.
- 7. Apparatus as claimed in any one of the preceding claims wherein the valve is operated manually by a trigger mounted externally on the spray head casing.
- 8. Apparatus as claimed in claim 7 wherein the valve is resiliently biased to its closed position.

- 9. Apparatus as claimed in any one of the preceding claims wherein the water hose is flexible.
- 10. Apparatus as claimed in claim 9 wherein the water hose is produced from plastics or rubber or a rubber-like material.
- 11. Apparatus as claimed in claim 9 or claim 10 wherein the hose wall is reinforced with metallic wire or filaments.
- 12. Apparatus as claimed in any one of the preceding claims wherein the spray head includes a removable cover to provide access to the chamber.
- 13. Apparatus as claimed in any one of the preceding claims wherein the hose is connected to the head through a friction fit over a collar protruding from one side of the casing.
- 14. Apparatus as claimed in any one of the preceding claims wherein the external surface of the hose is corrugated.
- 15. Apparatus as claimed in any one of the preceding claims wherein the source of pressurised water comprises a pipe connected to a mains supply to a building.
- 16. Apparatus as claimed in any one of claims 1 to 14 wherein the pipe receives water from an elevated holding tank positioned within a building.
- 17. Apparatus as claimed in any one of the preceding claims wherein the pipe receives water under pressure from an electrically or mechanically driven pump.

WO 2005/007055 PCT/GB2004/003061

8

- 18. Apparatus as claimed in any one of the preceding claims wherein the pipe comprises a water feed pipe for conveying water under pressure to a cistern of a toilet.
- 19. Spray apparatus substantially as herein described and as described with reference to the accompanying drawings.